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1969 DEC 3 15 43Z

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SERIBUTION OFFICE FILE

CARLE SEC.

25X1

TPEB/ED

SECRET CITE NPIC 7519.

SAC FOR DIRI, DOSR, DISD, DM4C, DPLC; 186 SRW DAVIS MONTHAN AFB-FOR DO, DCOI, DCH, AEMS; 12 SAD FOR MD; DIA FOR DIAXX-1; HQ USAF FOR AFIGOS, AFXOTR; 15TH AF FOR DI, DO, DM4C.

SUBJECT: EVALUATION OF OLD HEAD MISSION 6-185, FLOWN

1. INAGE QUALITY: THE IMAGE QUALITY RANGES FROM FAIR
TO GOOD. GENERALLY, THE QUALITY IS SLIGHTLY POORER THAN THAT OBTAINED
ON THE TWO PREVIOUS MISSIONS. THERE APPEARS TO BE MORE DEGRADATION
(IMAGE MOTION) DUE TO VEHICLE VIBRATION THAN OBSERVED ON THE TWO
PREVIOUS MISSIONS. IN GENERAL, THE IMAGE MOTION IS MORE APPARENT
AT MAGNIFICATIONS OF 25X AND ABOVE AS COMPARED TO PREVIOUS MISSIONS.
THIS DEGRADATION HOWEVER, DOES NOT AFFECT THE INTERPRETABILITY OF THE
MISSION WHICH IS CONSIDERED TO BE GOOD. SMALL OBJECTS SUCH AS
RAILROAD TIES, PEOPLE, WINDSHIELD BREAKS IN AUTOS AND BARRELS OF
ARTILLERY PIECES ARE EASILY DISCERNABLE. CLOUD COVER AFFECTS
WITH TEXT

2. MISSION DATA:

- A. G-105, 24 NOV 69
- B. I-2, 8997
- C. A/C NO: 339
- D. STEREO
- E. T/O: 1156Z, C/ON: 1416Z
- F. 34**84, W-**23A
- 6. DUAL GANNA, VISCOUS CHEMISTRY
- H. AVG. GAMMA: 1.75
- 3. ORIGINAL NEGATIVE:
  - A. EXPOSURE: ADEQUATE FOR INTERPRETATION PURPOSES.
- B. DENSITY AND CONTRAST: THE DENSITY IS GENERALLY MEDIUM AND THE CONTRAST IS GENERALLY LOW TO MEDIUM.
- C. IMAGED DEGRADATIONS: FOG ASSOCIATED WITH LIGHT REFRACTING AROUND THE SLIT ENDS IS PRESENT THROUGHOUT THE MISSION. PLUS DESNITY LINES, CONSISTING OF MINUTE STATIC MARKS, CAUSED BY THE SKEW BAR ROLLERS, ARE PRESENT AT 10, 11.5, 28 AND 29.5 INCHES FROM THE TAKE-UP END OF MOST FRAMES. FOG PATTERNS OF VARIOUS SIZES AND SHAPES ARE PRESENT ON THE FIRST AND THIRD FRAMES OF THE MISSION. THIS FOGGING APPEARS TO BE ASSOCIATED WITH CAMERA START-UP. PLUS DENSITY LINES EXTENDING ACROSS THE FORMAT ARE PRESENT 3.3 INCHES FROM THE TAKE-UP END AND 11.3 INCHES FROM THE SUPPLY END OF MOST FYD FRAMES. THESE SAMEMARKS ARE PRESENT 5.5 INCHES FROM THE SUPPLY END OF MOST AFT FRAMES. THEMARKS



Excluded from Eutomatic downgrading and

APPEAR TO BE CAUSED BY A TRANSPORT ROLLER. THE ABOVE DEGRADATIONS HAVE BEEN ON ALL OPERATIONAL AND TEST MISSION MATERIALS AND ARE CONSIDERED TO BE CHARACTERISTIC OF THE SYSTEM. IN THE FUTURE THESE ANOMALIES WILL NOT BE REPORTED UNLESS A SIGNIFICANT CHANGE IN SEVERITY IS NOTED.

D. PHYSICAL BEGRADATIONS: FINE ENULSION SCRATCHES, PARALLEL TO THE HAJOR AXIS, ARE PRESENT THROUGHOUT THE MISSION. THE NUMBER INCREASES AS THE MISSION PROGRESSES. PRE-PROCESSING HANDLING MARKS ARE PRESENT ON THE LAST FRAME OF THE MISSION. ONE MANUFACTURER'S SPLICE AND THREE PROCESSING SPLICES ARE PRESENT ON THIS MISSION.

E. DATA RECORDING EQUIPMENT: ALL SYSTEMS FUNCTIONED PROPERLY

THROUGHOUT THE MISSION.

F. OTHER: MINUS DENSITY AREAS SHAPED EITHER AS SPOTS OR HAVING A COMET SHAPE ARE PRESENT INTERMITTENLY FROM FRAME 548 TO THE END OF THE MISSION (FRAME 973). THESE AREAS APPEAR TO BE THE RESULT OF DIRT ON THE MATERIAL PRIOR TO PROCESSING CAUSING UNEVEN VISCOUS DEVELOPMENT. THE METERING IS IRREGULAR (DISTANCE BETWEEN FRAMES VARIES FROM 2 TO 3 INCHES) FROM FRAME 944 TO THE END OF THE MISSION. THE LAST TITLED FRAME IS 973, AND IS 5 INCHES SHORTER THAN A NORMAL FRAME.

4. POSITIVES: THE PRINTING AND PROCESSING ARE GOOD AND SUITABLE

FOR INTERPRETATION PURPOSES.

GP-1

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-- END OF MESSAE--